

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph previously added via Preliminary Amendment beginning on page 6, line 11 of the specification, as follows:

In yet another aspect, the internal combustion engine system of the present invention includes an internal combustion engine operating on a fuel including natural gas, propane, ethanol or methanol, the engine having a compression ~~ratio~~ ratio in the range of 11-16. The system further includes means for introducing into the engine fuel/air mixtures including an amount of hydrogen to substantially eliminate misfire at a first equivalence ratio in the range of 0.4 - 0.7 when the engine is operating below a selected torque or power level and introducing into the engine fuel/air mixtures in a second equivalence ~~ratio~~ ratio range. The second equivalence ratio is greater than the first equivalence ratio when the engine is operated above the selected torque or power level and the second equivalence ratio being sufficiently low at all times to prevent knock. Further, a knock sensor is included to detect knock in the engine.